

What is claimed is:

- 1 1. A transport vehicle service guiding system for providing
2 a user with guidance information about a transport vehicle running
3 on a regular route to have said user get on or off at any one of
4 specified vehicle stops, said guiding system comprising:
5 a user terminal being movable and to be used by said user,
6 a guidance information providing center to provide said
7 guidance information in response to a request from said user
8 terminal, which is able to carry out communications with said user
9 terminal through a network;
10 a vehicle-installed communicating unit being mounted on
11 said transport vehicle and being able to carry out communications
12 with said user terminal at least within said transport vehicle;
13 wherein said user terminal transmits information about a
14 destination to said guidance information providing center through
15 said network and makes a request for corresponding said guidance
16 information;
17 wherein said guidance information providing center, in
18 response to a request from said user terminal, provides said
19 guidance information to said user terminal through said network;
20 and
21 wherein said vehicle-installed communicating unit, when
22 having received a get-off guidance request created based on said
23 guidance information from said user terminal, transmits get-off
24 guidance information to said user terminal.
- 1 2. The transport vehicle service guiding system according to
2 Claim 1, wherein said vehicle-installed communicating unit is

3 able to carry out near-distance communications in which a
4 communication range is limited to an inside and vicinity of said
5 transport vehicle, with said user terminal.

1 3. The transport vehicle service guiding system according to
2 Claim 2, wherein said user terminal and said vehicle-installed
3 communicating unit transmit and receive specified information by
4 communications using Bluetooth technology or by infrared
5 communications.

1 4. The transport vehicle service guiding system according to
2 Claim 1, wherein said information about a destination contains
3 keywords related to said destination.

1 5. The transport vehicle service guiding system according to
2 Claim 1, further comprising a queried-object notifying unit being
3 placed in at least one of said specified vehicle stops for said
4 transport vehicle and used to notify queried-object information
5 of said guidance information providing center.

1 6. The transport vehicle service guiding system according to
2 Claim 5, wherein said queried-object notifying unit, in response
3 to a request from said user terminal, transmits said queried-
4 object information to said user terminal.

1 7. The transport vehicle service guiding system according to
2 Claim 1, wherein said vehicle-installed communicating unit, based
3 on a run-distance of said transport vehicle, when said transport
4 vehicle approaches a destination, transmits said get-off guidance

5 information to said user terminal.

1 8. A transport vehicle service guiding system for providing
2 a user with guidance information about a transport vehicle running
3 on a regular route to have said user get on or off at any one of
4 specified vehicle stops, said guiding system comprising:

5 a user terminal being movable and to be used by said user,
6 a guidance information providing center to provide said
7 guidance information about said transport vehicle in response to
8 a request from said user terminal, which is able to carry out
9 communications with said user terminal through a network;

10 wherein said user terminal transmits information about a
11 destination through said network to said guidance information
12 providing center and makes a request for corresponding said
13 guidance information and, based on provided guidance information,
14 determines timing for guiding said user in getting out of said
15 transport vehicle and, when said transport vehicle approaches
16 said destination, gives notification to prompt said user to
17 prepare for getting out of said transport vehicle.

1 9. A transport vehicle service guiding method for providing
2 a user with guidance information about a transport vehicle running
3 on a regular route to have said user get on or off at any one of
4 specified vehicle stops, said guiding method comprising:

5 a step of carrying out communications by connecting,
6 through a network, a user terminal being movable and to be used
7 by said user to a guidance information providing center to provide
8 said guidance information about said transport vehicle in
9 response to a request from said user terminal;

10 a step of carrying out communications between a vehicle-
11 installed communicating unit being mounted on said transport
12 vehicle and said user terminal at least within said transport
13 vehicle;

14 wherein said user terminal transmits information about a
15 destination to said guidance information providing center through
16 said network and makes a request for corresponding said guidance
17 information;

18 wherein said user terminal transmits information about a
19 destination to said guidance information providing center through
20 said network and makes a request for corresponding said guidance
21 information;

22 wherein said guidance information providing center, in
23 response to said request from said user terminal, provides said
24 guidance information through said network to said user terminal;
25 and

26 wherein said vehicle-installed communicating unit, when
27 having received a request for get-off guidance created based on
28 said guidance information from said user terminal, transmits
29 get-off guidance information to said user terminal.

1 10. The transport vehicle service guiding method according to
2 Claim 9, wherein said vehicle-installed communicating unit is
3 able to carry out near-distance communications in which a
4 communication range is limited to an inside and vicinity of said
5 transport vehicle, with said user terminal.

1 11. The transport vehicle service guiding method according to
2 Claim 10, wherein said user terminal and said vehicle-installed

3 communicating unit transmit and receive specified information by
4 communications using Bluetooth technology or by infrared
5 communications.

1 12. The transport vehicle service guiding method according to
2 Claim 9, wherein said information about a destination contains
3 keywords related to said destination.

1 13. The transport vehicle service guiding method according to
2 Claim 9, wherein a queried-object notifying unit being placed in
3 at least one of specified vehicle stops for said transport vehicle
4 notifies queried-object information of said guidance information
5 providing center.

1 14. The transport vehicle service guiding method according to
2 Claim 13, wherein said queried-object notifying unit, in response
3 to a request from said user terminal, transmits said queried-
4 object information to said user terminal.

1 15. The transport vehicle service guiding method according to
2 Claim 9, wherein said vehicle-installed communicating unit, based
3 on a run-distance of said transport vehicle, when said transport
4 vehicle approaches a destination, transmits said get-off guidance
5 information to said user terminal.

1 16. A transport vehicle service guiding method for providing
2 a user with guidance information about a transport vehicle running
3 on a regular route to have said user get on or off at any one of
4 specified vehicle stops, said guiding method comprising:

5 a step of carrying out communications by connecting, via
6 a network, a user terminal being movable and to be used by said
7 user to a guidance information providing center to provide said
8 guidance information about a transport vehicle in response to a
9 request from said user terminal; and

10 wherein said user terminal transmits information about a
11 destination through said network to said guidance information
12 providing center and makes a request for corresponding said
13 guidance information about said transport vehicle and, based on
14 provided guidance information, determines timing for guiding said
15 user in getting out of said transport vehicle and, when said
16 transport vehicle approaches said destination, gives
17 notification to prompt said user to prepare for getting out of
18 said transport vehicle.

1 17. A transport vehicle service guiding program to have a
2 computer execute a transport vehicle service guiding method for
3 providing a user with guidance information about a transport
4 vehicle running on a regular route to have said user get on or
5 off at any one of specified vehicle stops, said guiding method
6 comprising:

7 a step of carrying out communications by connecting,
8 through a network, a user terminal being movable and to be used
9 by said user to a guidance information providing center to provide
10 said guidance information about said transport vehicle in
11 response to a request from said user terminal;

12 a step of carrying out communications between a vehicle-
13 installed communicating unit being mounted on said transport
14 vehicle and said user terminal at least within said transport

15 vehicle;

16 wherein said user terminal transmits information about a
17 destination to said guidance information providing center through
18 said network and makes a request for corresponding said guidance
19 information;

20 wherein said user terminal transmits information about a
21 destination to said guidance information providing center through
22 said network and makes a request for corresponding said guidance
23 information;

24 wherein said guidance information providing center, in
25 response to said request from said user terminal, provides said
26 guidance information through said network to said user terminal;
27 and

28 wherein said vehicle-installed communicating unit, when
29 having received a request for get-off guidance created based on
30 said guidance information from said user terminal, transmits
31 get-off guidance information to said user terminal.

1 18. A transport vehicle service guiding program to have a
2 computer execute a transport vehicle service guiding method for
3 providing a user with guidance information about a transport
4 vehicle running on a regular route to have said user get on or
5 off at any one of specified vehicle stops, said guiding method
6 comprising:

7 a step of carrying out communications by connecting, via
8 a network, a user terminal being movable and to be used by said
9 user to a guidance information providing center to provide said
10 guidance information about a transport vehicle in response to a
11 request from said user terminal; and

12 wherein said user terminal transmits information about a
13 destination through said network to said guidance information
14 providing center and makes a request for corresponding said
15 guidance information about said transport vehicle and, based on
16 provided guidance information, determines timing for guiding said
17 user in getting out of said transport vehicle and, when said
18 transport vehicle approaches said destination, gives
19 notification to prompt said user to prepare for getting out of
20 said transport vehicle.

1 19. A transport vehicle service guiding system for providing
2 a user with guidance information about a transport vehicle running
3 on a regular route to have said user get on or off at any one of
4 specified vehicle stops, said guiding system comprising:

5 a user terminal being movable and to be used by said user,
6 a guidance information providing means to provide said
7 guidance information in response to a request from said user
8 terminal, which is able to carry out communications with said user
9 terminal through a network;

10 a vehicle-installed communicating means being mounted on
11 said transport vehicle and being able to carry out communications
12 with said user terminal at least within said transport vehicle;

13 wherein said user terminal transmits information about a
14 destination to said guidance information providing means through
15 said network and makes a request for corresponding said guidance
16 information;

17 wherein said guidance information providing means, in
18 response to a request from said user terminal, provides said
19 guidance information to said user terminal through said network;

20 and

21 wherein said vehicle-installed communicating means, when
22 having received a get-off guidance request created based on said
23 guidance information from said user terminal, transmits get-off
24 guidance information to said user terminal.

1 20. The transport vehicle service guiding system according to
2 Claim 19, wherein said vehicle-installed communicating means is
3 able to carry out near-distance communications in which a
4 communication range is limited to an inside and vicinity of said
5 transport vehicle, with said user terminal.

1 21. The transport vehicle service guiding system according to
2 Claim 20, wherein said user terminal and said vehicle-installed
3 communicating means transmit and receive specified information
4 by communications using Bluetooth technology or by infrared
5 communications.

1 22. The transport vehicle service guiding system according to
2 Claim 19, wherein said information about a destination contains
3 keywords related to said destination.

1 23. The transport vehicle service guiding system according to
2 Claim 19, further comprising a queried-object notifying means
3 being placed in at least one of said specified vehicle stops for
4 said transport vehicle and used to notify queried-object
5 information of said guidance information providing means.

1 24. The transport vehicle service guiding system according to

2 Claim 23, wherein said queried-object notifying means, in
3 response to a request from said user terminal, transmits said
4 queried-object information to said user terminal.

1 25. The transport vehicle service guiding system according to
2 Claim 19, wherein said vehicle-installed communicating means,
3 based on a run-distance of said transport vehicle, when said
4 transport vehicle approaches a destination, transmits said
5 get-off guidance information to said user terminal.

1 26. A transport vehicle service guiding system for providing
2 a user with guidance information about a transport vehicle running
3 on a regular route to have said user get on or off at any one of
4 specified vehicle stops, said guiding system comprising:

5 a user terminal being movable and to be used by said user,
6 a guidance information providing means to provide said
7 guidance information about said transport vehicle in response to
8 a request from said user terminal, which is able to carry out
9 communications with said user terminal through a network;

10 wherein said user terminal transmits information about a
11 destination through said network to said guidance information
12 providing means and makes a request for corresponding said
13 guidance information and, based on provided guidance information,
14 determines timing for guiding said user in getting out of said
15 transport vehicle and, when said transport vehicle approaches
16 said destination, gives notification to prompt said user to
17 prepare for getting out of said transport vehicle.